

CONSOLIDATED CHECKLIST C6

Part 4 of 5 parts

Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities 40 CFR Part 265, Subparts W-BB, as of June 30, 1997 as published in the July 1, 1997 CFR

Note: Consolidated Checklist C6 is divided into five separate documents/computer files solely for ease of handling its printed and electronic versions. Consolidated Checklist C6 remains one checklist; States must adopt all five portions simultaneously to correctly use this Consolidated Checklist. Note, the prenotes and endnotes associated with each part have been placed with the part to which they apply.

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE

SUBPART W - DRIP PADS

APPLICABILITY

Subpart W applies to owners and operators of facilities that use new or existing drip pads to convey treated wood drippage, precipitation, and/or surface water runoff to an associated collection system; existing drip pads defined; applicability of 265.443(b)(3) leak collection system requirement	82,92,120	265.440(a)					
owner or operator of certain drip pads inside or under a structure not subject to 265.443(e) or 265.443(f) regulations, as appropriate	82	265.440(b)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
Subpart W requirements not applicable to management of infrequent, incidental drippage in storage yards provided:	120	265.440(c)					
owner or operator maintains and complies with a written contingency plan describing how owner or operator will respond to discharge of infrequent and incidental drippage; at a minimum, what the contingency plan must describe	120	265.440(c)(1)					
		265.440(c)(1)(i)					
		265.440(c)(1)(ii)					
		265.440(c)(1)(iii)					
		265.440(c)(1)(iv)					
ASSESSMENT OF EXISTING DRIP PAD INTEGRITY							
evaluation of existing drip pads; by June 6, 1991, written assessment obtained and kept on file; annual review, update and recertification required until 265.443 standards are met, except for 265.443(b) standards for liners and leak detection systems	82,120	265.441(a)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
1 development of written plan for upgrading, repairing and modifying drip pad to meet 265.443(b) requirements; submittal of plan to Regional Administrator no later than 2 years before completion of modifications; written plan documentation, review and certification requirements	82,120	265.441(b)					
1 removed	82,120	265.441(b)(1)					
		265.441(b)(2)					
		265.441(b)(3)					
submittal of required drawings and certification to Regional Administrator or State Director upon completion of all repairs and modifications	82	265.441(c)					
if drip pad found to be leaking or unfit for use, compliance with 265.443(m) provisions or close drip pad in accordance with 265.445	82	265.441(d)					
DESIGN AND INSTALLATION OF NEW DRIP PADS							
owners and operators of new drip pads must ensure that the pads are designed, installed and operated in accordance with one of the following:	82, 120	265.442					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
all of the applicable requirements of 265.443 (except 265.443(a)(4)), 265.444 and 265.445	120	265.442(a)					
all of the applicable requirements of 265.443 (except 265.443(b)), 265.444 and 265.445	120	265.442(b)					
DESIGN AND OPERATING REQUIREMENTS							
drip pads must:	82	265.443(a)					
be constructed of non-earthen materials, excluding wood and non-structurally supported asphalt	82	265.443(a)(1)					
be sloped for free-drainage to the associated collection system	82	265.443(a)(2)					
have a curb or berm around the perimeter	82	265.443(a)(3)					
2,3 hydraulic conductivity requirements; maintain surface free of cracks and gaps; surface material must be chemically compatible with preservatives that contact pad; requirements apply to existing drip pads and drip pads of owners/operators electing to comply with 265.442(a)	82,120	265.443(a)(4)(i)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
2 owner or operator must obtain and keep at the facility a written assessment of drip pad certified by independent qualified registered engineer; assessment must attest to results of evaluation; assessment must be reviewed, updated and recertified annually; evaluation must document extent to which drip pad meets 265.443 (except 265.443(b)) design and operating standards	120	265.443(a)(4)(ii)					
4 remove notes regarding administrative stays for new and existing drip pads	†91, †101,120	265.443(a)(4)/notes					
be of sufficient structural strength and thickness to meet specified conditions	82	265.443(a)(5)					
5 if an owner/operator elects to comply with § 265.442(b) instead of § 265.442(a), the drip pad must have:	82,120	265.443(b)					
a synthetic liner that meets certain specifications	82	265.443(b)(1)					
specific requirements for liner construction materials	82	265.443(b)(1)(i)					
foundation or base requirements	82	265.443(b)(1)(ii)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
liner must cover all surrounding earth that could come into contact with the waste or leakage	82	265.443(b)(1)(iii)					
leakage detection system immediately above the liner; detection system must be:	82	265.443(b)(2)					
constructed of materials that are:	82	265.443(b)(2)(i)					
chemically resistant to relevant waste and leakage	82	265.443(b)(2)(i)(A)					
of sufficient strength and thickness to prevent collapse	82	265.443(b)(2)(i)(B)					
6 design and operation to function without clogging through scheduled drip pad closure	92	265.443(b)(2)(ii)					
6 designed to detect the failure of the drip pad or the presence of hazardous waste release or accumulated liquid at the earliest practicable time	82,92	265.443(b)(2)(iii)					
leakage collection system immediately above the liner designed, constructed, maintained and operated to collect leakage from below the drip pad for removal; date, time and quantity of leakage collected must be documented in operating log	120	265.443(b)(3)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
maintenance of drip pads; note regarding remedial action	82	265.443(c)					
convey, drain, and collect liquid resulting from dripage or precipitation in order to prevent run- off	82	265.443(d)					
run-on control system requirements, unless drip pad is protected by a structure, as described in 265.440(b)	82	265.443(e)					
run-off management system requirements, unless drip pad is protected by a structure, as described in 265.440(b)	82	265.443(f)					
evaluation of drip pad for compliance with 265.443(a)-(f) requirements; design certification required	82	265.443(g)					
removal of dripage and accumulated precipitation from associated collection system as necessary to prevent overflow onto the drip pad	82	265.443(h)					
thorough cleaning of drip pad surface in a manner and frequency to meet specified conditions; documentation of date, time and cleaning procedure in facility's operating log	82,120	265.443(i)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
minimize tracking of hazardous waste or constituents off the drip pad	82	265.443(j)					
after removal from treatment vessel, treated wood from pressure and non-pressure processes must be held on pad until drippage has ceased; documentation required	82	265.443(k)					
collection and holding units for run-on and run-off control systems emptied or otherwise managed as soon as possible after storms to maintain design capacity	82	265.443(l)					
throughout the active life of the drip pad, repair of detected condition that may have caused or has caused a release of hazardous waste within a reasonable period of time, in accordance with the following procedures:	82,92	265.443(m)					
upon detection of a condition that may have caused or has caused a release of hazardous waste, the owner must:	82,92	265.443(m)(1)					
entry of discovery in the facility operating log	82	265.443(m)(1)(i)					
immediate removal from service of affected portion of drip pad	82	265.443(m)(1)(ii)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
determination of steps to repair drip pad, remove any leakage, and establish schedule for clean up and repairs	82	265.443(m)(1)(iii)					
notify Regional Administrator within 24 hours after discovery; provide written notice as specified within 10 working days	82	265.443(m)(1)(iv)					
review, determination and notification by Regional Administrator	82	265.443(m)(2)					
written notification to Regional Administrator and certification of compliance with 265.443(m)(1)(iv) after repairs and clean up	82,92	265.443(m)(3)					
documentation in operating log, as specified, of past operating and waste handling practices	82	265.443(n)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
INSPECTIONS							
inspection of liners and cover systems for uniformity, damage and imperfections during construction or installation; inspection and certification of liners to meet 265.443 requirements; maintenance of certification as part of the facility operating record; inspection of liners and covers after installation	82	265.444(a)					
drip pad must be inspected weekly and after storms to detect evidence of any of the following:	82	265.444(b)					
deterioration, malfunctions or improper operation of run-on and run-off control systems	82	265.444(b)(1)					
presence of leakage in and proper functioning of leak detection system	82	265.444(b)(2)					
deterioration or cracking of drip pad surface; note regarding remedial action	82	265.444(b)(3)					
CLOSURE							
at closure, removal and decontamination requirements; management as hazardous waste	82	265.445(a)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
closure and post-closure care of drip pad as a landfill under 265.310, if some contaminated subsoils cannot be removed or decontaminated; for permitted units, permit requirement continues throughout post-closure period	82	265.445(b)					
owner or operator of an existing drip pad not in compliance with the 265.443(b)(1) liner requirements must:	82	265.445(c)(1)					
include in closure plans for drip pad under 265.112, a plan for 265.445(a) compliance and a contingent plan for 265.445(b) compliance	82	265.445(c)(1)(i)					
prepare a contingent post-closure plan under 265.118 for complying with 265.445(b) in case not all contaminated subsoils can be practicably removed at closure	82	265.445(c)(1)(ii)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
cost estimates calculated under 265.112 and 265.144 for closure and post-closure care of drip pad subject to 265.445(c) must include cost of complying with the contingent closure plan and the contingent post-closure plan; cost of expected closure under 265.445(a) need not be included	82	265.445(c)(2)					

SUBPART AA - AIR EMISSION STANDARDS FOR PROCESS VENTS

7 APPLICABILITY

regulations in this subpart apply to owners and operators of facilities that treat, store or dispose of hazardous waste except as provided in 265.1	79	265.1030(a)					
except for 265.1034(d)&(e), Subpart AA applies to process vents associated with operations managing hazardous wastes with at least 10-ppmw organic concentrations if conducted in one of the following specific units	79,87,154	265.1030(b)					
unit subject to the permitting requirements of 40 CFR Part 270	79,154	265.1030(b)(1)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
unit not exempt from permitting under 262.34(a) & located at hazardous waste management facility subject to Part 270, or	79,154	265.1030(b)(2)					
unit exempt from permitting under 262.34(a)	154	265.1030(b)(3)					
DEFINITIONS							
all terms have meaning given them in 264.1031, the Act, and Parts 260-266	79	265.1031					
STANDARDS: PROCESS VENTS							
owner or operator of facility with process vents meeting certain conditions shall either:	79	265.1032(a)					
reduce total organic emissions below 1.4 kg/h and 2.8 Mg/yr	79	265.1032(a)(1)					
using control device, reduce total organic emissions by 95 weight percent	79	265.1032(a)(2)					
265.1033 requirements must be met if owner or operator installs closed-vent system and control device to comply with 265.1032(a) provisions	79	265.1032(b)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
use of engineering calculations or performance tests (conforming to 265.1034(c) requirements) may be used for determination of vent emissions and emission reductions or total organic compound concentrations achieved by add-on control devices	79	265.1032(c)					
use of 265.1034(c) procedures to resolve disagreements between owner or operator and Regional Administrator on vent determinations	79	265.1032(d)					
STANDARDS: CLOSED-VENT SYSTEMS AND CONTROL DEVICES							
compliance with provisions of 265.1033 by owners or operators of closed-vent systems and control devices used to comply with provisions of Part 265	79	265.1033(a)(1)					
preparation of an implementation schedule by owner or operator, of existing facility, who cannot install a closed-vent system and control device to comply with Subpart AA provisions by effective date; units that begin operation after December 21, 1990, must comply with the rules immediately	79,154	265.1033(a)(2)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
specification of efficiency standards for control device involving vapor recovery unless 265.1032(a)(1) emission limits can be attained	79	265.1033(b)					
organic emission standards for enclosed combustion device; for boiler or process heater used as control device, vent stream introduced into flame zone	79	265.1033(c)					
specifications for the design and operation of a flare	79	265.1033(d)(1)					
		265.1033(d)(2)					
		265.1033(d)(3)					
		265.1033(d)(4)(i)					
		265.1033(d)(4)(ii)					
		265.1033(d)(4)(iii)					
		265.1033(d)(5)					
		265.1033(d)(6)					
determination of compliance of a flare with the visible emission provisions of Subpart AA using Reference Method 22 in 40 CFR Part 60	79	265.1033(e)(1)					
calculation of net heating value of gas being combusted in a flare using specified equation	79	265.1033(e)(2)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
determination of actual exit velocity of a flare using flow rate as determined by Reference Methods 2, 2A, 2C or 2D in 40 CFR Part 60	79	265.1033(e)(3)					
determination of maximum allowed velocity for a flare complying with 265.1033(d)(4)(iii)	79	265.1033(e)(4)					
determination of maximum allowed velocity for an air-assisted flare	79	265.1033(e)(5)					
monitoring and inspection of control device by owner and operator to ensure compliance with 265.1033 by implementing specified requirements:	79	265.1033(f)					
installation, calibration, maintenance, and operation of a flow indicator; where sensor shall be installed	79	265.1033(f)(1)					
specifications for installation, calibration, maintenance, and operation of a device to continuously monitor control device operation:	79	265.1033(f)(2)					
temperature monitoring device with a continuous recorder for a thermal vapor incinerator	79	265.1033(f)(2)(i)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
temperature monitoring device with a continuous recorder for a catalytic vapor incinerator	79	265.1033(f)(2)(ii)					
heat sensing monitoring device with a continuous recorder for a flare	79	265.1033(f)(2)(iii)					
temperature monitoring device with a continuous recorder for a boiler or process heater having a design heat input capacity less than 44 MW	79	265.1033(f)(2)(iv)					
monitoring device with a continuous recorder for a boiler or process heater having a design heat input capacity greater than or equal to 44 MW	79	265.1033(f)(2)(v)					
for a condenser, either:	79	265.1033(f)(2)(vi)					
monitoring device with a continuous recorder to measure concentration level of the organic compounds in the exhaust vent stream from the condenser	79	265.1033(f)(2)(vi) (A)					
8 temperature monitoring device with a continuous recorder; specifications	79,154	265.1033(f)(2)(vi) (B)					
for a carbon adsorption system, either:	79	265.1033(f)(2)(vii)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
monitoring device with a continuous recorder to measure concentration level of organic compounds in exhaust vent stream from carbon bed	79	265.1033(f)(2)(vii)(A)					
monitoring device with a continuous recorder to measure a parameter that indicates the carbon bed is regenerated on a regular predetermined time cycle	79	265.1033(f)(2)(vii)(B)					
daily inspection of readings from monitoring device required by 265.1033(f)(1) and 265.1033(f)(2); implement corrective measures if necessary	79	265.1033(f)(3)					
replacement of existing carbon in control device by owner or operator using a fixed-bed carbon adsorber that meets the 265.1035(b)(4)(iii)(F) requirement	79	265.1033(g)					
replacement of carbon on a regular basis by owner or operator using a carbon canister	79	265.1033(h)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
monitor organic compounds daily or at interval no greater than 20 percent of time required to consume total carbon working capacity established at 265.1035(b)(4)(iii)(G), whichever is longer; replace existing carbon when carbon break-through occurs	79	265.1033(h)(1)					
replacement of existing carbon at intervals less than design carbon replacement interval established as a requirement of 265.1035(b)(4)(iii)(G)	79	265.1033(h)(2)					
documentation requirements for owner or operator seeking to comply with Part 265 provisions by using a control device other than a thermal vapor incinerator, catalytic vapor incinerator, flare, boiler, process heater condenser, or carbon adsorption system	79	265.1033(i)					
design requirements of closed-vent system are either:	154	265.1033(j)					
to operate with no detectable emissions as determined by 265.1034(b), & by visual inspections; or	79,154	265.1033(j)(1)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
to operate at pressure below atmospheric pressure; how to equip system	79,154	265.1033(j)(2)					
control of detectable emissions no later than 15 calendar days after emission is detected	79	265.1033(j)(3)					
first attempt at repair no later than 5 calendar days after emission is detected	79	265.1033(j)(4)					
9 owner/ operator to monitor & inspect closed-vent system to ensure proper operation & maintenance by implementing following:	154	265.1033(k)					
closed-vent system used to comply with 265.1033(j)(1) shall be inspected & monitored in accordance with:	154	265.1033(k)(1)					
initial leak detection monitoring shall be conducted on or before date system becomes subject to 265.1033; use procedures in 265.1034(b)	154	265.1033(k)(1)(i)					
after monitoring required in 265.1033(k)(1)(i), owner/operator shall inspect & monitor as follows:	154	265.1033(k)(1)(ii)					
	154	265.1033(k)(1)(ii)(A)					
	154	265.1033(k)(1)(ii)(B)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
in event that defect or leak is detected, owner/operator shall repair it in accordance with 265.1033(k)(3)	154	265.1033(k)(1)(iii)					
owner/operator shall maintain record of inspection & monitoring in accordance with 265.1035	154	265.1033(k)(1)(iv)					
each closed-vent system used to comply with 265.1033(j)(2) shall be inspected & monitored in accordance with the specified requirements	154	265.1033(k)(2)					
	154	265.1033(k)(2)(i)					
	154	265.1033(k)(2)(ii)					
	154	265.1033(k)(2)(iii)					
	154	265.1033(k)(2)(iv)					
owner/operator shall repair all detected defects as follows:	154	265.1033(k)(3)					
detectable emissions shall be controlled as soon as practicable, but not later than 15 days after detected, except as in 265.1033(k)(3)(iii)	154	265.1033(k)(3)(i)					
first attempt at repair shall be made no later than 5 days after emission is detected	154	265.1033(k)(3)(ii)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
delay of repair is allowed if it is infeasible without a shutdown, or if emissions resulting from repair are > emissions from delay of repair; repair of such equipment shall be completed by end of next shutdown	154	265.1033(k)(3)(iii)					
owner/operator shall maintain record of repair in accordance with 265.1035	154	265.1033(k)(3)(iv)					
9 closed vent systems and control devices used to comply with provisions of Subpart AA shall be operated at all times when emissions may be vented to them	79,154	265.1033(l)					
9 owner or operator using carbon adsorption system shall document that all carbon that is hazardous waste and removed from the control device is managed in one of the following manners	154	265.1033(m)					
regenerated or reactivated in a thermal treatment unit that meets one of the following:	154	265.1033(m)(1)					
owner/operator has been issued final permit under part 270, which implements part 264 subpart X requirements; or	154	265.1033(m)(1)(i)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
unit is equipped with & operating air emission controls in accordance with subparts AA & CC of 264 or 265; or	154	265.1033(m)(1)(ii)					
unit is equipped with & operating air emission controls in accordance with national emission standards of 61 or 63	154	265.1033(m)(1)(iii)					
incinerated in a hazardous waste incinerator for which the owner/operator either:	154	265.1033(m)(2)					
has been issued a final permit under part 270 which implements the requirements of part 264 subpart O; or	154	265.1033(m)(2)(i)					
has designed and operates the incinerator in accordance with part 265 subpart O	154	265.1033(m)(2)(ii)					
burned in a boiler or industrial furnace for which owner/operator either:	154	265.1033(m)(3)					
has been issued a final permit under part 270 which implements part 266, subpart H; or	154	265.1033(m)(3)(i)					
has designed and operates boiler or industrial furnace in accordance with part 266, subpart H; or	154	265.1033(m)(3)(ii)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
any components of a closed-vent system designated in 265.1035(c)(9) as unsafe are exempt from 265.1033(k)(1)(ii)(B) if:	154	265.1033(n)					
owner/operator determines that monitoring personnel would be in danger as a consequence of complying	154	265.1033(n)(1)					
owner/operator adheres to written plan requiring monitoring using procedure in 265.1033(k)(1)(ii)(B) as frequently as practicable	154	265.1033(n)(2)					
TEST METHODS AND PROCEDURES							
compliance with 265.1034 test methods and procedures by owner or operator subject to provisions of Subpart AA	79	265.1034(a)					
when testing a closed-vent system for compliance with 265.1033(k) requirements, comply with following test requirements:	79,154	265.1034(b)					
monitoring in compliance with Reference Method 21 in 40 CFR Part 60	79	265.1034(b)(1)					
detection instrument shall meet the performance criteria of Reference Method 21	79	265.1034(b)(2)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
calibration of instrument by procedures specified in Reference Method 21	79	265.1034(b)(3)					
calibration gases shall be:	79	265.1034(b)(4)					
zero air	79	265.1034(b)(4)(i)					
mixture of methane or n- hexane and air at specified concentration	79	265.1034(b)(4)(ii)					
background level determined as set forth in Reference Method 21	79	265.1034(b)(5)					
instrument probe traverse requirements as described in Reference Method 21	79	265.1034(b)(6)					
arithmetic difference compared with 500 ppm for compliance determination	79	265.1034(b)(7)					
performance test requirements to determine compliance with 265.1032(a) and 265.1033(c)	79	265.1034(c)					
reference methods and calculation procedures to use when determining total organic compound concentrations and mass flow rates	79	265.1034(c)(1)					
Method 2 in 40 CFR Part 60 for velocity and volumetric flow rate	79	265.1034(c)(1)(i)					
Method 18 in 40 CFR Part 60 for organic content	79	265.1034(c)(1)(ii)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
performance tests in three separate runs; conditions for conducting runs; averaging results on a time-weighted basis	79	265.1034(c)(1)(iii)					
equation for determining total organic mass flow rates	79	265.1034(c)(1)(iv)					
equation for determining annual total organic emission rate	79	265.1034(c)(1)(v)					
determination of total organic emissions from all process vents using 265.1034(c)(1)(iv) equation and 265.1034(c)(1)(v) equation	79,87	265.1034(c)(1)(vi)					
recording of process information necessary to determine performance test conditions; certain operational periods not applicable	79	265.1034(c)(2)					
performance testing facilities provided by owner or operator	79	265.1034(c)(3)					
sampling ports adequate for 265.1034(c)(1) test methods	79	265.1034(c)(3)(i)					
safe sampling platform(s)	79	265.1034(c)(3)(ii)					
safe access to sampling platform(s)	79	265.1034(c)(3)(iii)					
utilities for sampling and testing equipment	79	265.1034(c)(3)(iv)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
use of time-weighted average of three runs in making compliance determinations; Regional Administrator approval needed for average based on two runs if a sample is accidentally lost or certain conditions occur	79	265.1034(c)(4)					
to demonstrate a process vent is not subject to Subpart AA requirements, use one of two methods to determine an annual average total organic concentration of less than 10 ppmw	79	265.1034(d)					
direct measurement using the following procedures:	79	265.1034(d)(1)					
minimum of four grab samples under specified process conditions	79	265.1034(d)(1)(i)					
for waste generated onsite, collect grab samples before exposure to the atmosphere; for waste generated offsite, collect grab samples at the inlet to the first waste management unit that receives the waste under specific conditions	79	265.1034(d)(1)(ii)					
sample analysis using Method 9060 or 8260 of SW-846	79,158	265.1034(d)(1)(iii)					
calculation of time-weighted, annual average total organic concentration of waste	79	265.1034(d)(1)(iv)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
using knowledge of the waste to determine its total organic concentration is less than 10 ppmw; documentation of the waste determination is required; examples of acceptable documentation	79	265.1034(d)(2)					
guidelines for the determination that hazardous wastes are managed with time-weighted, annual average total organic concentrations less than 10 ppmw	79	265.1034(e)					
		265.1034(e)(1)					
		265.1034(e)(2)					
		265.1034(e)(3)					
Method 8260 procedures used to resolve dispute in case of disagreement between owner or operator and Regional Administrator regarding the determination made in 265.1034(e)	79,158	265.1034(f)					
RECORDKEEPING REQUIREMENTS							
compliance with recordkeeping requirements	79	265.1035(a)(1)					
recordkeeping requirements for more than one hazardous waste management unit in one recordkeeping system	79	265.1035(a)(2)					
information that must be recorded in the facility operating record	79	265.1035(b)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
for 265.1033(a)(2)- complying facilities, an implementation schedule that includes specified dates and rationale; inclusion in operating record by effective date the facility becomes subject to Subpart AA provisions	79	265.1035(b)(1)					
up-to-date documentation of 265.1032 standards	79	265.1035(b)(2)					
information and data identifying all affected process vents and specific information for each vent	79	265.1035(b)(2)(i)					
information and data supporting determinations of vent emissions and emission reductions; new determination required if any action taken increases total emissions	79	265.1035(b)(2)(ii)					
a performance test plan for owners or operators using test data for determination	79	265.1035(b)(3)					
a description of the determination that a planned test will be conducted when unit is operating at the highest load or capacity level	79	265.1035(b)(3)(i)					
		265.1035(b)(3)(ii)					
detailed engineering	79	265.1035(b)(3)(ii) (A)					
description of closed-vent system and control device							

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
		265.1035(b)(3)(ii) (B)					
		265.1035(b)(3)(ii) (C)					
		265.1035(b)(3)(ii) (D)					
		265.1035(b)(3)(ii) (E)					
detailed description of sampling and monitoring procedures	79	265.1035(b)(3)(iii)					
documentation of compliance with 265.1033	79	265.1035(b)(4)					
information references and sources	79	265.1035(b)(4)(i)					
records, including the dates of each compliance test required by 265.1033(j)	79,87	265.1035(b)(4)(ii)					
if engineering calculations are used, a design analysis and other documents that present basic control device design information; design analysis addresses vent stream characteristics and control device operation parameters	79	265.1035(b)(4)(iii)					
design analysis requirements for a thermal vapor incinerator	79	265.1035(b)(4)(iii) (A)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
design analysis requirements for a catalytic vapor incinerator	79	265.1035(b)(4)(iii) (B)					
design analysis requirements for a boiler or process heater	79	265.1035(b)(4)(iii) (C)					
design analysis requirements for a flare	79	265.1035(b)(4)(iii) (D)					
design analysis requirements for a condenser	79	265.1035(b)(4)(iii) (E)					
design analysis requirements for carbon adsorption system that regenerates the carbon bed directly onsite	79	265.1035(b)(4)(iii) (F)					
design analysis requirements for a carbon adsorption system that does not regenerate the carbon bed directly onsite	79	265.1035(b)(4)(iii) (G)					
certification statement signed and dated by owner or operator regarding operating parameters	79	265.1035(b)(4)(iv)					
certification statement signed and dated by owner or operator regarding control equipment meeting design specifications	79	265.1035(b)(4)(v)					
all test results when performance tests are used to demonstrate compliance	79	265.1035(b)(4)(vi)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
information to be recorded and kept up-to-date in the facility operating record for each closed-vent system and control device subject to the Part 265 regulations	79	265.1035(c)					
description and date of each modification	79	265.1035(c)(1)					
identification of operating parameter, description of monitoring device and location diagram for compliance with 265.1033(f)(1)&(2)	79	265.1035(c)(2)					
information required by 265.1033(f)-(k)	79,154	265.1035(c)(3)					
date, time and duration of each period that occurs while control device is operating when any monitored parameter exceeds the value established in the design analysis	79	265.1035(c)(4)					
when combustion temperature is below 760°C or more than 28°C below design average combustion zone temperature for a thermal vapor incinerator	79	265.1035(c)(4)(i)					
		265.1035(c)(4)(ii)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
when temperature of vent stream is more than 28°C below average temperature or when temperature difference across catalyst bed is less than 80 percent of the design average temperature difference for a catalytic vapor incinerator	79	265.1035(c)(4)(iii)					
		265.1035(c)(4)(iii)(A)					
		265.1035(c)(4)(iii)(B)					
boiler or process heater	79	265.1035(c)(4)(iv)					
flame zone temperature is more than 28°C below design average temperature	79	265.1035(c)(4)(iv)(A)					
position changes	79	265.1035(c)(4)(iv)(B)					
period when the pilot flame is not ignited for a flare	79	265.1035(c)(4)(v)					
period when organic compounds are more than 20 percent greater than the design level for a condenser	79	265.1035(c)(4)(vi)					
condenser that complies with 265.1033(f)(2)(vi)(B)	79	265.1035(c)(4)(vii)					
temperature of exhaust vent stream is more than 6°C above design average temperature	79	265.1035(c)(4)(vii)(A)					
temperature of exiting coolant fluid is more than 6°C above design average temperature	79	265.1035(c)(4)(vii)(B)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
period when organic compounds are more than 20 percent greater than the design level for a carbon adsorption system	79	265.1035(c)(4)(viii)					
period when vent stream flow exceeds predetermined regeneration time for a carbon adsorption system	79	265.1035(c)(4)(ix)					
explanation for each period under 265.1035(c)(4) of the cause for parameters being exceeded and measures implemented	79,87	265.1035(c)(5)					
date when existing carbon is replaced	79	265.1035(c)(6)					
log to record specific dates	79	265.1035(c)(7)					
		265.1035(c)(7)(i)					
		265.1035(c)(7)(ii)					
date of each control device startup and shutdown	79	265.1035(c)(8)					
recordkeeping requirements for owner/operator designating any components of a closed-vent system as unsafe to monitor shall record ID of such components in accordance with 265.1033(n), & explain why component is unsafe & plan for monitoring	154	265.1035(c)(9)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
when leak is detected as in 265.1033(k), the following shall be recorded:	154	265.1035(c)(10)					
instrument number, closed-vent system component ID number, & operator name, initials, or ID number	154	265.1035(c)(10)(i)					
date leak was detected & date of first attempt to repair	154	265.1035(c)(10)(ii)					
date of successful repair	154	265.1035(c)(10)(iii)					
maximum instrument reading by Method 21, part 60, Appendix A	154	265.1035(c)(10)(iv)					
"repair delayed" & reason for delay if not repaired within 15 days	154	265.1035(c)(10)(v)					
owner/operator may develop written procedure to identify conditions justifying repair delay; document reasons for repair delay	154	265.1035(c)(10)(v) (A)					
documentation required if repair delay was due to depletion of stocked parts	154	265.1035(c)(10)(v) (B)					
records required by paragraphs 265.1035(c)(3)-(10) shall be maintained by owner/operator for at least 3 years following date of each occurrence, measurement, maintenance, corrective action, or record	79,154	265.1035(d)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
monitoring and inspection information for control device other than a thermal vapor incinerator, catalytic vapor incinerator, flare, boiler, process heater, condenser, or carbon adsorption system must be recorded in the facility operating record	79	265.1035(e)					
logging of information used to determine if process vent is subject to 265.1032 and 265.1034(d)(2)	79	265.1035(f)					
reserved	79	265.1036-265.1049					

SUBPART BB - AIR EMISSION STANDARDS FOR EQUIPMENT LEAKS

7 APPLICABILITY

owners and operators of facilities that treat, store or dispose of hazardous wastes except as provided in 265.1	79	265.1050(a)					
except as provided in 265.1064(k), applicability of Subpart BB to equipment that contains or contacts hazardous wastes with organic concentrations of at least 10 percent by weight that are managed in units or facilities subject to Part 270 permitting requirements	79,154	265.1050(b)					
		265.1050(b)(1)					
		265.1050(b)(2)					
	154	265.1050(b)(3)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
equipment subject to Subpart BB, Part 265 shall be marked	79	265.1050(c)					
equipment in vacuum service excluded from requirements of 265.1052 to 265.1060 requirements if identified as required in 265.1064(g)(5)	79	265.1050(d)					
equipment that contains or contacts hazardous waste with specific organic concentration is excluded from 265.1052-265.1060 if identified as required in 265.1064(g)(6)	154	265.1050(e)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
DEFINITIONS							
all terms have meaning given them in 264.1031, the Act, and Parts 260-266	79	265.1051					
STANDARDS: PUMPS IN LIGHT LIQUID SERVICE							
monthly monitoring to detect leaks as specified by 265.1063(b) methods except as provided in 265.1052(d),(e)&(f)	79	265.1052(a)(1)					
visual inspection each calendar week	79	265.1052(a)(2)					
conditions indicating a leak is detected	79	265.1052(b)(1)					
		265.1052(b)(2)					
time frame for leak repair, except as provided in 265.1059	79	265.1052(c)(1)					
first attempt at leak repair not to exceed 5 calendar days after leak detection	79	265.1052(c)(2)					
pump equipped with dual mechanical seal system that includes a barrier fluid system is exempt from 265.1052(a) if specific requirements are met:	79	265.1052(d)					
operational and equipment requirements for a dual mechanical seal system	79	265.1052(d)(1)					
		265.1052(d)(1)(i)					
		265.1052(d)(1)(ii)					
		265.1052(d)(1)(iii)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
organic concentration limitation for barrier fluid system	79	265.1052(d)(2)					
sensor requirement	79	265.1052(d)(3)					
weekly visual check of pump	79	265.1052(d)(4)					
daily check of barrier fluid system sensor or monthly check of audible alarm	79	265.1052(d)(5)(i)					
determination of criterion to indicate failure of systems	79	265.1052(d)(5)(ii)					
leak detection criteria	79	265.1052(d)(6)(i)					
repair of leak not to exceed 15 calendar days, except as provided in 265.1059	79	265.1052(d)(6)(ii)					
first attempt at leak repair not to exceed 5 calendar days after leak detection	79	265.1052(d)(6)(iii)					
conditions under which pump designated for no detectable emissions is exempt from 265.1052(a),(c)&(d) requirements	79	265.1052(e)					
		265.1052(e)(1)					
		265.1052(e)(2)					
	79,87	265.1052(e)(3)					
pump equipped with closed-vent system and control device in compliance with 265.1060 is exempt from 265.1052(a)-(e) requirements	79	265.1052(f)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
STANDARDS: COMPRESSORS							
seal system requirement for compressor, except as provided in 265.1053(h)&(i)	79	265.1053(a)					
specifications for compressor seal system	79	265.1053(b)					
		265.1053(b)(1)					
		265.1053(b)(2)					
		265.1053(b)(3)					
organic concentration limitation for barrier fluid	79	265.1053(c)					
sensor requirement	79	265.1053(d)					
daily check of barrier fluid system sensor or monthly check of audible alarm; daily check if compressor located within boundary of unmanned site	79	265.1053(e)(1)					
determination of criterion to indicate failure of systems	79	265.1053(e)(2)					
leak detection criteria	79	265.1053(f)					
repair of leak not to exceed 15 calendar days, except as provided in 265.1059	79	265.1053(g)(1)					
first attempt at leak repair not to exceed 5 calendar days after leak detection	79	265.1053(g)(2)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
compressor equipped with closed-vent system and control device in compliance with 265.1060 is exempt from 265.1053(a)&(b) requirements, except as provided in 265.1053(i)	79	265.1053(h)					
conditions under which compressor designated for no detectable emissions is exempt from 265.1053(a) through (h) requirements	79	265.1053(i)					
		265.1053(i)(1)					
		265.1053(i)(2)					
STANDARDS: PRESSURE RELIEF DEVICES IN GAS/VAPOR SERVICE							
except during pressure releases, no detectable emission standards for the operation of pressure relief device in gas/vapor service, as measured by 265.1063(c) method	79	265.1054(a)					
time requirement and criteria for return of pressure relief device to a condition of no detectable emissions, except as provided in 265.1059	79	265.1054(b)(1)					
monitoring of pressure relief device within 5 calendar days after pressure relief to confirm no detectable emissions, as measured by 265.1063(c) method	79	265.1054(b)(2)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
pressure relief device equipped with closed-vent system and control device in compliance with 265.1060 is exempt from 265.1054(a)&(b)	79	265.1054(c)					

STANDARDS: SAMPLING CONNECTING SYSTEMS

sampling connecting system equipped with closed-purge, closed loop, or closed-vent system; reason for sample purge system; gases displaced during filling do not require collection	79,154	265.1055(a)					
return, collect and recycle purged process fluid; be designed & operated to capture & transport all purged process fluid to unit that complies with 265.1085-265.1087 or control device that complies with 265.1060	79,154	265.1055(b)					
		265.1055(b)(1)					
		265.1055(b)(2)					
		265.1055(b)(3)					
in situ sampling systems and sampling systems without purges exempt from 265.1055(a)&(b) requirements	79,154	265.1055(c)					

STANDARDS: OPEN-ENDED VALVES OR LINES

each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve	79	265.1056(a)(1)					
---	----	----------------	--	--	--	--	--

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
requirement to seal open end at all times except during specified operations	79	265.1056(a)(2)					
operational requirements for open-ended valve or line equipped with a second valve	79	265.1056(b)					
requirements for bleed valve or line when a double block and bleed system is used; compliance with 265.1056(a)	79	265.1056(c)					

STANDARDS: VALVES IN GAS/VAPOR SERVICE OR IN LIGHT LIQUID SERVICE

monthly monitoring of each valve in gas/vapor or light liquid service using 265.1063(b) methods; compliance with 265.1057(b)-(e), except as provided in 265.1057(f),(g)&(h), 265.1061 and 265.1062	79	265.1057(a)					
instrument reading of 10,000 ppm or greater indicates leak	79	265.1057(b)					
monitoring requirements if leak not detected for two successive months	79	265.1057(c)(1)					
monthly monitoring requirement if leak detected	79	265.1057(c)(2)					
repair of leak not to exceed 15 calendar days, except as provided in 265.1059	79	265.1057(d)(1)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
first attempt at leak repair not to exceed 5 calendar days after leak detection	79	265.1057(d)(2)					
best practices to include in first attempt at repair	79	265.1057(e)					
		265.1057(e)(1)					
		265.1057(e)(2)					
		265.1057(e)(3)					
		265.1057(e)(4)					
valve designated for no detectable emissions under 265.1064(g)(2) is exempt from 265.1057(a) requirements if specified conditions are met	79	265.1057(f)					
		265.1057(f)(1)					
		265.1057(f)(2)					
		265.1057(f)(3)					
conditions under which an unsafe-to-monitor valve as described in 265.1064(h)(1) is exempt from 265.1057(a) requirements	79	265.1057(g)					
		265.1057(g)(1)					
		265.1057(g)(2)					
conditions under which a difficult-to-monitor valve as described in 265.1064(h)(2) is exempt from 265.1057(a) requirements	79	265.1057(h)					
		265.1057(h)(1)					
		265.1057(h)(2)					
		265.1057(h)(3)					

STANDARDS: PUMPS AND VALVES IN HEAVY LIQUID SERVICE, PRESSURE RELIEF DEVICES IN LIGHT LIQUID OR HEAVY LIQUID SERVICE, AND FLANGES AND OTHER CONNECTORS

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
monitoring of specified pumps and valves, pressure relief devices, flanges and other connectors within 5 days using 265.1063(b) methods in case of potential leaks	79	265.1058(a)					
reading of 10,000 ppm or greater indicates leak	79	265.1058(b)					
repair of leak not to exceed 15 calendar days, except as provided in 265.1059	79	265.1058(c)(1)					
first attempt at leak repair not to exceed 5 calendar days after leak detection	79	265.1058(c)(2)					
first attempt at repair includes best practices described under 265.1057(e)	79	265.1058(d)					
inaccessible, ceramic or ceramic-lined connectors exempt from monitoring requirements of 265.1058(a) & recordkeeping requirements of 265.1064	154	265.1058(e)					

STANDARDS: DELAY OF REPAIR

requirements for the delay of repair of equipment for which leaks have been detected	79	265.1059(a)					
type of equipment for which delay of repair allowed	79	265.1059(b)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
conditions under which delay of repair of valves allowed	79	265.1059(c)					
		265.1059(c)(1)					
		265.1059(c)(2)					
conditions under which delay of repair of pumps allowed	79	265.1059(d)					
		265.1059(d)(1)					
		265.1059(d)(2)					
conditions for delay of repair beyond a hazardous waste management unit shutdown	79	265.1059(e)					
STANDARDS: CLOSED-VENT SYSTEMS AND CONTROL DEVICES							
owners or operators of closed-vent systems and control devices shall comply with 265.1033 provisions	79	265.1060					
ALTERNATIVE STANDARDS FOR VALVES IN GAS/VAPOR SERVICE OR IN LIGHT LIQUID SERVICE: PERCENTAGE OF VALVES ALLOWED TO LEAK							
alternative standard allowing no greater than 2 percent of valves to leak for an owner or operator subject to 265.1057 requirements	79	265.1061(a)					
notification, performance test, and repair requirements if an owner or operator decides to comply with alternative standard	79	265.1061(b)					
		265.1061(b)(1)					
		265.1061(b)(2)					
		265.1061(b)(3)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
monitoring standards, leak detection criterion and determination of leak percentage when conducting performance tests	79	265.1061(c)					
		265.1061(c)(1)					
		265.1061(c)(2)					
		265.1061(c)(3)					
written notification to Regional Administrator of intent to follow 265.1057(a)-(e) work practice standard if owner or operator decides to no longer comply with 265.1061	79	265.1061(d)					

ALTERNATIVE STANDARDS FOR VALVES IN GAS/VAPOR SERVICE OR IN LIGHT LIQUID SERVICE:
SKIP PERIOD LEAK DETECTION AND REPAIR

election to comply with 265.1062(b)(2)&(3) alternative work practices by owner or operator subject to 265.1057 requirements	79	265.1062(a)(1)					
notification of Regional Administrator before implementing alternative work practice	79	265.1062(a)(2)					
compliance with 265.1057 requirements, except as described in 265.1062(b)(2)&(3)	79	265.1062(b)(1)					
conditions under which an owner or operator may begin to skip one of the quarterly leak detection periods for valves subject to 265.1057 requirements	79	265.1062(b)(2)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
conditions under which an owner or operator may begin to skip three of the quarterly leak detection periods for valves subject to 265.1057 requirements	79	265.1062(b)(3)					
compliance with 265.1057 monthly monitoring requirements if percentage of valves leaking exceeds 2 percent; may elect to use 265.1062 requirements again after meeting 265.1057(c)(1) requirements	79	265.1062(b)(4)					

TEST METHODS AND PROCEDURES

compliance with test methods and procedures requirements by owner or operator subject to provisions of Subpart BB	79	265.1063(a)					
leak detection monitoring as required in 265.1052-265.1062 shall comply with specified requirements:	79	265.1063(b)					
monitoring in compliance with Reference Method 21 in 40 CFR Part 60	79	265.1063(b)(1)					
detection instrument shall meet the performance criteria of Reference Method 21	79	265.1063(b)(2)					
calibration of instrument by procedures specified in Reference Method 21	79	265.1063(b)(3)					
calibration gases shall be:	79	265.1063(b)(4)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
zero air	79	265.1063(b)(4)(i)					
mixture of methane or n- hexane and air at specified concentration	79	265.1063(b)(4)(ii)					
instrument probe traverse requirements as described in Reference Method 21	79	265.1063(b)(5)					
test compliance requirements for equipment with no detectable emissions as required in 265.1052(e), 265.1053(i), 265.1054 and 265.1057(f)	79	265.1063(c)					
		265.1063(c)(1)					
		265.1063(c)(2)					
		265.1063(c)(3)					
		265.1063(c)(4)					
in accordance with 265.13(b), determination by owner or operator of whether equipment contains or contacts a hazardous waste with organic concentration equal to or greater than 10% by weight using the following:	79	265.1063(d)					
methods described in ASTM Methods D 2267- 88, E 169-87, E 168-88 and E 260-85	79	265.1063(d)(1)					
Method 9060 or 8260 of SW-846	79,158	265.1063(d)(2)					
application of the knowledge of the nature of the hazardous waste stream or the process by which it was produced; documentation required; examples of documentation	79	265.1063(d)(3)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
determination as specified in 265.1063(d) can be revised only after following 265.1063(d)(1) or (2) procedures	79	265.1063(e)					
use of 265.1063(d)(1) or (2) to resolve determination disputes between owner or operator and Regional Administrator	79	265.1063(f)					
samples used for determination representative of highest expected total organic content hazardous waste	79	265.1063(g)					
to determine if pumps or valves are in light liquid service, vapor pressures of constituents may be obtained from standard reference texts or may be determined by ASTM D-2879-86	79	265.1063(h)					
performance tests for control device shall comply with 265.1034(c)(1) through (c)(4) procedures	79	265.1063(i)					
RECORDKEEPING REQUIREMENTS							
compliance with recordkeeping requirements	79	265.1064(a)(1)					
recordkeeping requirements for more than one hazardous waste management unit in one recordkeeping system	79	265.1064(a)(2)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
specific information that owners and operators must record in the facility operating record	79	265.1064(b)					
		265.1064(b)(1)					
		265.1064(b)(1)(i)					
		265.1064(b)(1)(ii)					
		265.1064(b)(1)(iii)					
		265.1064(b)(1)(iv)					
		265.1064(b)(1)(v)					
		265.1064(b)(1)(vi)					
for facilities that comply with the provisions of 265.1033(a)(2), an implementation schedule as specified in 265.1033(a)(2)	79	265.1064(b)(2)					
performance test plan as specified in 265.1035(b)(3) if test data are used for control device demonstration	79	265.1064(b)(3)					
documentation of compliance with 265.1060, including documentation or results specified in 265.1035(b)(4)	79	265.1064(b)(4)					
information requirements when each leak is detected as specified in 265.1052, 265.1053, 265.1057 and 265.1058	79,87	265.1064(c)					
	79	265.1064(c)(1)					
		265.1064(c)(2)					
		265.1064(c)(3)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
inspection log information requirements when each leak is detected as specified in 265.1052, 265.1053, 265.1057 and 265.1058	79	265.1064(d)					
		265.1064(d)(1)					
		265.1064(d)(2)					
		265.1064(d)(3)					
		265.1064(d)(4)					
		265.1064(d)(5)					
		265.1064(d)(6)					
		265.1064(d)(7)					
		265.1064(d)(8)					
		265.1064(d)(9)					
		265.1064(d)(10)					
for each closed-vent system and control device subject to 265.1060, design documentation and monitoring, operating and inspection information recorded in facility operating record as specified in 265.1035(c)	79	265.1064(e)					
monitoring and inspection information for a control device other than thermal vapor incinerator, catalytic vapor incinerator, flare, boiler, process heater, condenser, or carbon adsorption system must be recorded in the facility operating record	79	265.1064(f)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
information requirements for equipment subject to the requirements of 265.1052 through 265.1060 to be recorded in a log and kept in the facility operating record	79	265.1064(g)					
		265.1064(g)(1)					
		265.1064(g)(2)(i)					
		265.1064(g)(2)(ii)					
		265.1064(g)(3)					
		265.1064(g)(4)(i)					
		265.1064(g)(4)(ii)					
		265.1064(g)(4)(iii)					
		265.1064(g)(5)					
	154	265.1064(g)(6)					
information requirements for valves subject to the requirements of 265.1057(g)&(h)	79	265.1064(h)					
		265.1064(h)(1)					
		265.1064(h)(2)					
information requirements for valves complying with 265.1062	79	265.1064(i)					
		265.1064(i)(1)					
		265.1064(i)(2)					
additional information requirements	79	265.1064(j)					
criteria required in 265.1052(d)(5)(ii) and 265.1053(e)(2) and an explanation of the design criteria	79	265.1064(j)(1)					
any changes to the criteria and the reasons for the changes	79	265.1064(j)(2)					

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
information requirements to be recorded in a log for determining exemptions as provided in the applicability section of Subpart BB and other specific Subparts	79	265.1064(k)					
		265.1064(k)(1)					
		265.1064(k)(2)					
		265.1064(k)(3)					
records of equipment leak and operating information need be kept for only three years	79	265.1064(l)					
the owner or operator of facility subject to Subpart BB and to regulations at 40 CFR Part 60, Subpart VV, or 40 CFR Part 61, Subpart V, may elect to determine compliance by documentation either pursuant to 265.1064 or provisions of 40 CFR Part 60 or Part 61, to the extent that the documentation duplicates the documentation required under Subpart BB	79	265.1064(m)					
reserved	79	265.1065-265.1079					

- ¹ When this paragraph was revised by Revision Checklist 120 (57 FR 61492; December 24, 1992), the instructions for revising it were unclear. According to EPA, the last sentence of 265.441(b), which introduces the subparagraphs, is to be removed, as well as subparagraphs (b)(1), (2), and (3). Note that these revisions have been correctly reflected in the CFR beginning with the July 1, 1993 edition.
- ² This subparagraph was introduced into the Federal code by Revision Checklist 82 as 265.443(a)(4). Revision Checklist 120 completely revised the paragraph by removing the original 265.443(a)(4) and replacing it with 265.443(a)(4)(i) and 265.443(a)(4)(ii).
- ³ Note that the Federal Register for Revision Checklist 120 (57 FR 61492; December 24, 1992) is in error. According to EPA, the last line of 265.443(a)(4)(i) should read "§ 265.442(b) instead of § 265.442(a)" rather

CONSOLIDATED CHECKLIST C6
40 CFR Part 265, Subparts W-BB, as of June 30, 1997 (cont'd)

than "§ 265.442(a) instead of § 265.442(b)". As written, the code contradicts what is said in the 265.442(a)&(b) requirements.

- 4 Revision Checklist 91 (56 FR 27332; June 13, 1991) added a note regarding an administrative stay with no ending date for new drip pads. Revision Checklist 101 (57 FR 5859; February 18, 1992) added a second note addressing an administrative stay for existing drip pads at wood preserving plants until October 31, 1992. The administrative stay was terminated by the Federal Register article for Revision Checklist 120 (57 FR 61492; December 24 1992); however, this article did not clearly indicate that the notes should be removed. According to EPA, they should be removed. These notes have been correctly removed in the CFR beginning with the July 1, 1993 edition.
- 5 According to EPA, there is an error in the Federal Register for Revision Checklist 120 at 265.443(b). The phrase "§ 265.442(b) instead of § 265.442(a)" should be "§ 265.442(a) instead of § 265.442(b)." As currently written, the code contradicts the 265.442(a)&(b) requirements.
- 6 Revision Checklist 82 introduced the original 265.443(b)(2)(ii) into the code. Revision Checklist 92 redesignated the original 265.443(b)(2)(ii) as 265.443(b)(2)(iii) and added a new paragraph 265.443(b)(2)(ii).
- 7 The notes at the end of 265.1030 and 265.1050 were amended by Revision Checklist 154 to delete the reference to "262.34".
- 8 Note there is a typographical error in 265.1033(f)(2)(vi)(B) in the November 25, 1996 rule of Revision Checklist 154 (61 FR 59932): "Celsius (oC) or ± 0.5 oC" should be "Celsius (°C) or ± 0.5 °C". This error is present in the July 1, 1997 CFR.
- 9 Revision Checklist 154 (61 FR 59932; November 15, 1996) redesignated 265.1033(k)&(l) as 265.1033(l)&(m), respectively, and added a new 265.1033(k).